Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 21 Feb 2022 until 23:59 on Tuesday 22 Feb 2022

Forecast Issued on Monday 21 Feb 2022 at 03:53

Confidence: High confidence for very strong winds on Monday and generally an unsettled week with periods of very strong winds and wintry showers.

Headline for Monday 21 Feb 2022: Severe gales slowly easing and becoming drier later with some sunshine.

Mountain weather hazards on Monday 21 Feb 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
Low Likelihood

Gales
High Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sleet	Light rain	Cloudy	Cloudy	Partly cloudy (night)	Cloudy
Precipitation probability					
50%	10%	10%	20%	10%	10%

Forecast for Monday 21 Feb 2022

Weather: Windy, with gales and outbreaks of rain at first, with sleet possible on very highest hills. Rain soon clearing, with some brightness and sunny spells developing and winds slowly easing.

Chance of cloud-free hill tops above 600m: 20% becoming 90% by the afternoon.

Low cloud and visibility: Cloud obscuring tops above 600m at first, with some patches down at 400m. Best of any clear summits in the southwest. Cloud then lifting and breaking through the day. Outside of cloud, moderate visibility expected during the morning, improving to generally good through the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Monday 21 Feb 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	49/61 W	43/55 NW	32/44 NW	27/37 NW	20/28 W	15/23 W	16/22 SW
300	42/55 W	33/46 NW	26/39 NW	23/35 NW	17/27 W	11/17 W	10/18 SW
Valley	29/57 W	23/47 NW	20/40 NW	18/35 NW	12/26 W	5/13 W	6/16 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-8	2/-6	4/-4	4/-2	3/-3	2/-4	2/-3
300	4/-4	5/-2	6/0	7/2	5/1	4/0	4/1
Valley	4/-2	6/0	7/2	8/4	6/2	4/2	4/2
Freezing Level*	800m	900m	1000m	1000m	900m	800m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Hazardous conditions at first with strong winds, potentially gusting 65-75mph on highest tops, along with the odd sleet shower. Conditions improving markedly by the afternoon, but still windy on the tops, with a noticeably chill effect.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 21 Feb 2022	39.4mm	53mm	67.8mm

Forecast for Tuesday 22 Feb 2022

Weather: Low cloud from midnight, with rain and drizzle during the early hours, and winds strengthening a little again. Perhaps some brighter intervals to start the day, before a further band of rain spreads southeast late morning. This accompanied by gusty winds and a brief heavy burst of rain, before clearing southeast. Sunshine and very isolated showers follow. All hills likely dry by the afternoon but turning colder.

Maximum wind: Southwest 35 mph gusting 45-55mph, becoming West 25mph gusting 30-40mph by the afternoon.

Chance of cloud-free hill tops above 600m: 30% becoming 90%.

Low cloud and visibility: Cloud obscuring many tops above 600m during the morning, with the best chance of clear summits in the east. Cloud breaking and lifting during the afternoon with all tops likely clear. Moderate visibility below the cloud during the morning, and poor in any rain. Becoming very good by the afternoon.

Temperature: **Valleys:** Plus 3 Celsius rising to Plus 9 Celsius
At 600m: Plus 4 Celsius falling to Minus 1 Celsius.
Freezing level: Above summits falling to 600m

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